Canadian ILWS Update

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4th ILWS General Meeting Beijing, July 22-23, 2006





Report and Outlook

- State of the Program
- · State of missions
- · Future needs





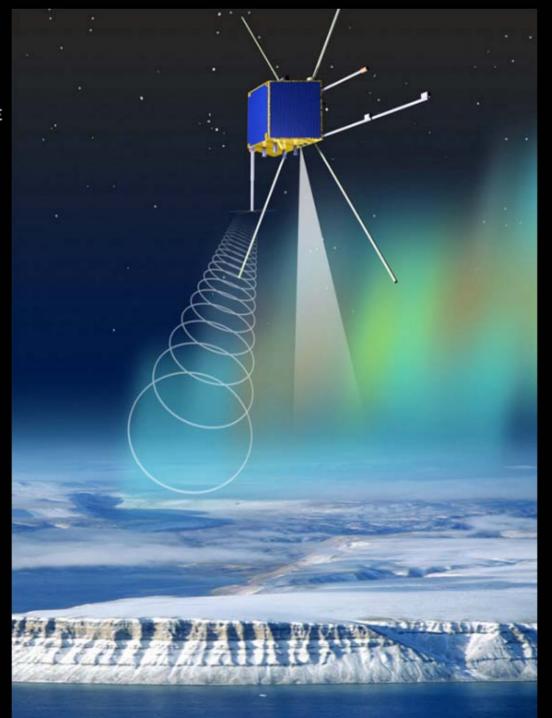
CSA Management Issue

- CSA President resigned in November 2006 to pursue political office
- Change of Government
 - No discernible change in space policy
- Still no President appointed
 - All new projects and initiatives on hold

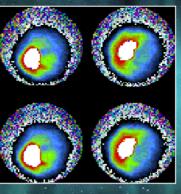


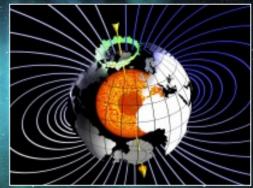


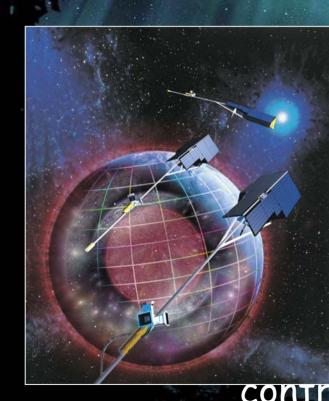
CASSIOPE



CEFI on SW





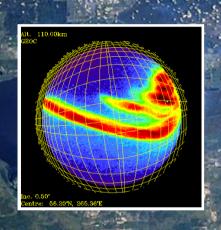


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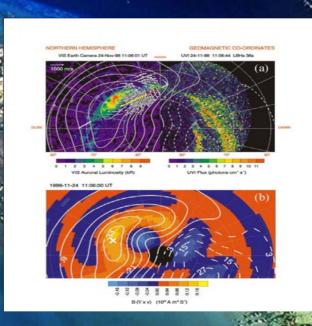
Ground-based Science



Canadian Geospace Monitoring









Canada is populated with the world's most extensive and advanced ground-based instruments to monitor and study space weather processes

THEMIS



- Canada provides essential groundbased auroral imaging element in the 5 s/c NASA-CSA THEMIS mission
- Largest imaging experiment ever mounted in space physics
 - Mission objective: Substorms

Kuafu.



100 to support

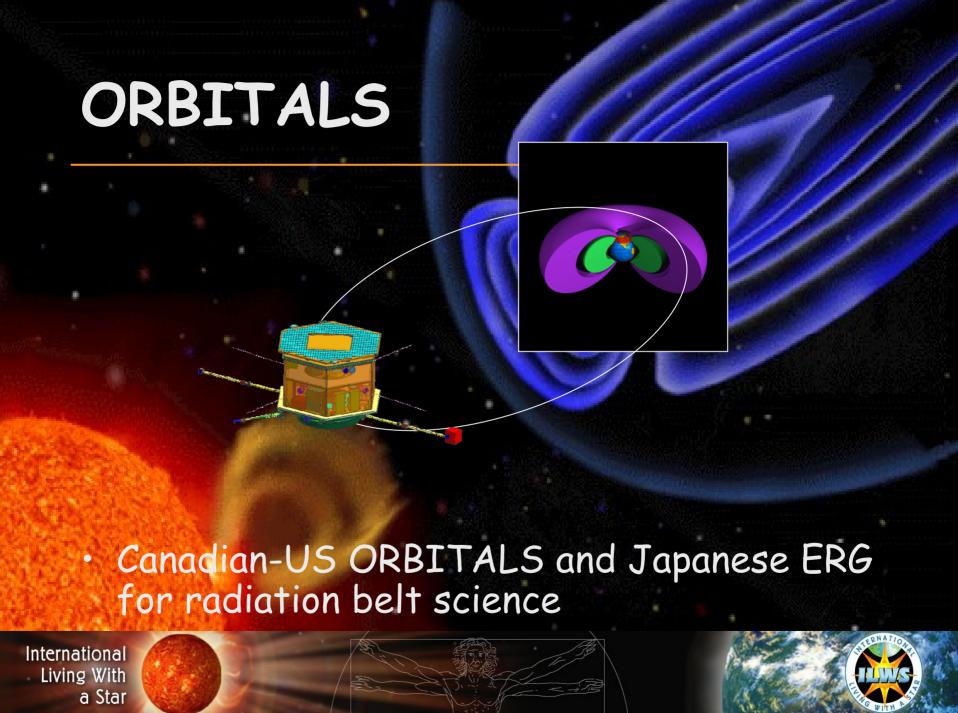
Kuafu A



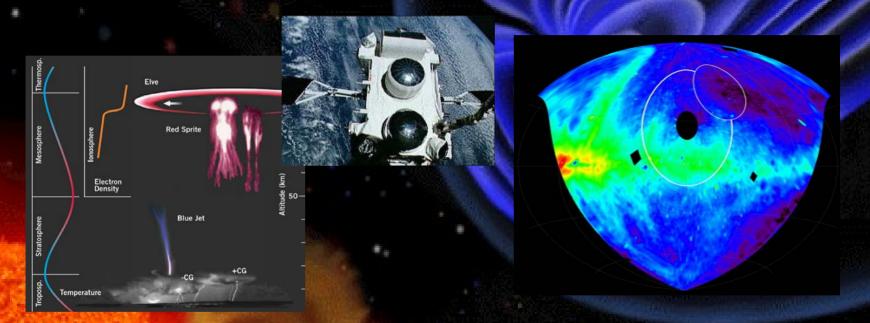
- Kuafu will be the first-ever coordinated simultaneous 24/7 imaging of the Sun and magnetosphere
- A large Canadian-Sino-European collaboration







ASIM



• ASIM (Atmospheric-Space Interaction Monitor) is a photometer-x-ray sensor package for flight in ISS



